

For Door Heights To 12' (environmental separation)

STANDARD FEATURES

- ½ hp single speed motor(s)
- High efficiency, low noise Pro-V Nozzle (patent pending)
- Galvanized steel blower wheels and housing
Airfoil aluminum air directional vanes
- Powder coated finish with aluminum inlet screen
- 16 gauge aluminized steel cabinet
- ½" mounting holes (wall or top mounting)
- No field assembly required
- Duct transition with bottom access panels
- Two year parts warranty
- Crafted with Pride in the USA

OPTIONAL FEATURES

- Multi-speed motor(s) (consult factory)

HEATER FEATURES

- CSA approved
- Aluminized steel heat exchanger
- Spark ignited pilot
- Power venter
- Prewired motor(s) & controls

Note: Separate 120V/60 power supply is required for unit heaters.

OPTIONAL HEATER FEATURES

- Stainless steel heat exchanger
- Dry type transformer (120V power for heaters)

MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Lab Data					Motor(s) @ hp	Heater(s) @ Input (mbtu/hr)	Total Input (mbtu/hr)	Total Output (btu/hr)	Temp. Rise °F
					Avg. Out. Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)						
VSA1036G	36	5166	3933	2556	1728	1512	0.51	87	1 @ ½	1 @ 100	100	80	49	
VSA1042G	42	5550	5042	3278	1551	1583	0.52	89	1 @ ½	1 @ 100	100	80	47	
VSA1048G	48	5292	4816	3130	1366	1594	0.53	78	1 @ ½	1 @ 100	100	80	46	
VSA1060G	66	4800	5180	3367	1049	1530	0.53	74	1 @ ½	1 @ 100	100	80	48	
VSA2060G	66	5292	6560	4264	2010	2931	0.99	85	2 @ ½	1 @ 145	145	116	36	
VSA2072G	72	5166	7865	5112	1728	3024	1.02	87	2 @ ½	1 @ 145	145	116	35	
VSA2078G	78	5166	8521	5538	1633	3095	1.03	87	2 @ ½	1 @ 145	145	116	35	
VSA2084G	84	5550	10085	6555	1551	3166	1.04	89	2 @ ½	1 @ 145	145	116	34	
VSA2096G	99	5292	9631	6260	1366	3188	1.06	78	2 @ ½	1 @ 145	145	116	34	
VSA3096G	99	5292	10866	7063	1857	4332	1.53	88	3 @ ½	1 @ 200	200	160	34	
VSA2108G	108	4800	9324	6061	1190	3124	1.06	74	2 @ ½	1 @ 145	145	116	34	
VSA3108G	108	5166	11798	7669	1728	4536	1.53	87	3 @ ½	1 @ 200	200	160	33	
VSA2120G	117	4800	10360	6734	1049	3060	1.06	74	2 @ ½	1 @ 145	145	116	35	
VSA3120G	117	5166	13109	8521	1604	4678	1.55	87	3 @ ½	1 @ 200	200	160	32	
VSA3132G	132	5292	13243	8608	1484	4760	1.57	78	3 @ ½	1 @ 200	200	160	31	
VSA3144G	144	5292	14447	9391	1366	4782	1.59	78	3 @ ½	1 @ 200	200	160	31	
VSA4144G	144	5166	15730	10225	1728	6048	2.04	87	4 @ ½	1 @ 250	250	200	30	

Air performance based on AMCA licensed data from base (unheated) units

WEIGHT CHART					
MODEL	Net Wgt. Air Curtain (lbs)	Net Wgt. Duct Transition*	Net Wgt. Heater (lbs)	Ship Wgt. Duct Trans. & Air Curtain (lbs)	Ship Wgt. Heater (lbs)
VSA1036G	80	44	125	155	140
VSA1042G	86	50	125	170	140
VSA1048G	91	56	125	184	140
VSA1060G	102	69	125	214	140
VSA2060G	148	69	130	271	150
VSA2072G	157	82	130	299	150
VSA2078G	163	89	130	315	150
VSA2084G	168	95	130	329	150
VSA2096G	178	108	130	358	150
VSA3096G	218	106	145	405	165
VSA2108G	221	121	130	428	150
VSA3108G	261	119	145	475	165
VSA2120G	228	131	130	449	150
VSA3120G	268	130	145	498	165
VSA3132G	289	146	145	544	165
VSA3144G	303	159	145	578	165
VSA4144G	343	150	225	616	270

POWER SUPPLIES/MOTOR AMP DRAWS									
VOLTS	120	208	240	208	240	480	600	220	380
PHASE	1	1	1	3	3	3	3	1	3
HERTZ*	60	60	60	60	60	60	60	50	50
AMPS per MOTOR	6.5	3.5	3.5	3.5	3.5	1.4	1.0	3.5	3.5

*Operation at 50 Hz will generate approximately a 17% reduction in performance.

Sound level measured 10' (3m) from the unit in free field:
1, 2, 3 & 4 motor(s): **60 dBA, 63 dBA, 65 dBA, 66 dBA**

*Duct transition is factory attached to air curtain

Berner reserves the right to alter specifications without prior notice.